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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/223,875	12/31/1998	RICHARD C. FENWICK JR.	ONCO-003	4405
7590	04/20/2006		EXAMINER BROWN, RUEBEN M	
			ART UNIT 2623	PAPER NUMBER
DATE MAILED: 04/20/2006				

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	Application No.	Applicant(s)
	09/223,875	FENWICK ET AL.
Examiner	Art Unit	
	Reuben M. Brown	2623

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

#### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

1) Responsive to communication(s) filed on 26 January 2006.  
 2a) This action is FINAL. 2b) This action is non-final.  
 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

4) Claim(s) 1-27 is/are pending in the application.  
 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.  
 5) Claim(s) \_\_\_\_\_ is/are allowed.  
 6) Claim(s) 1-27 is/are rejected.  
 7) Claim(s) \_\_\_\_\_ is/are objected to.  
 8) Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

9) The specification is objected to by the Examiner.  
 10) The drawing(s) filed on \_\_\_\_\_ is/are: a) accepted or b) objected to by the Examiner.  
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).  
 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a) All b) Some \* c) None of:

1. Certified copies of the priority documents have been received.

2. Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.

3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

1)  Notice of References Cited (PTO-892)  
 2)  Notice of Draftsperson's Patent Drawing Review (PTO-948)  
 3)  Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
 Paper No(s)/Mail Date \_\_\_\_\_.

4)  Interview Summary (PTO-413)  
 Paper No(s)/Mail Date. \_\_\_\_\_.  
 5)  Notice of Informal Patent Application (PTO-152)  
 6)  Other: \_\_\_\_\_.

**DETAILED ACTION**

***Continued Examination Under 37 CFR 1.114***

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 1/26/2006 has been entered.

***Claim Rejections - 35 USC § 103***

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 1-27 are rejected under 35 U.S.C. 103(a) as being unpatentable over Hwang, (U.S. Pat # 6,049,823), in view of Smith, (U.S. Pat # 6,762,733).

Application/Control Number: 09/223,875

Art Unit: 2623

Considering claim 1, the claimed method of presenting an audiovisual signal to a user's audiovisual display monitor comprising receiving a command from the user and responding to the command by assigning an assignable computing device to the particular user only is met by the disclosure of Hwang that when a viewer requests a private session, the system allocates a particular Channel-Processor to that user, col. 13, lines 40-61 & col. 17, lines 15-40. Hwang teaches that each private viewing session requires a dedicated Channel-Processor for each customer.

As for the additionally claimed feature of establishing a communications link between the user's audiovisual device and the ACD, the above disclosure of Hwang reads on the subject matter; also see col. 16, lines 5-8.

The Channel-processor in Hwang reads on an ACD, since it is disclosed that it is a PC, see col. 4, lines 52-60 & col. 13, lines 1-5.

As for the amended claimed feature of the 'responding to the command by assigning an assignable computing device, ACD, to the particular user only, such that the ACD is not available for concurrent communication with other users', Hwang is not clear that the device is assigned to a single user without concurrent communication with other users. Nevertheless, the claimed feature is met by the disclosure of Smith that a particular SNES engine which includes a video game board 100, is assigned to a particular user only, and if a particular guest terminal requests to use particular video engine, the system checks to see if the video engine board 100, is

Application/Control Number: 09/223,875

Art Unit: 2623

currently serving a customer or whether it is vacant, col. 7, lines 55-67 thru col. 8, lines 1-67. It would have been obvious for one of ordinary skill in the art at the time the invention was made, to modify Hwang with the feature ensuring that a computing device is vacant (i.e., not in use by another customer), before assigning the computing device to another customer, at least for the desirable advantage of providing the feel of a conventional home system, as taught by Smith, col. 2, lines 35-38.

Smith, at col. 9, lines 5-20, discloses that if there is no vacant board with the selected game pre-loaded, that then the system assigns the customer to a vacant board without the game, and then the requested game is downloaded to the particular engine board.

Regarding the feature of presenting a menu containing a selection of video programs to the user's audiovisual display monitor with the ACD, selecting one of the video programs and routing the instant selected video program to the user's audiovisual display monitor, Hwang teaches that once a private viewing session is activated, that the viewer is enabled to select and receive movies on demand from a menu, see col. 16, lines 61-67 & col. 17, lines 50-67 thru col. 18, lines 1-25. Hwang furthermore discloses that on a private viewing channel, the user can order any on-demand services for movies, games and shopping; see col. 1, lines 55-60.

Considering claims 2-3 & 17-18, Hwang teaches an MCI interface to play and control MPEG movies, such that the control panel may be overlaid on top of the movie; see col. 18, lines 5-24.

Considering claims 4-5, 10 & 19-20, Hwang teaches that video programming may be transmitted to viewers using well known RF modulation technology; see col. 6, lines 40-43; col. 9, lines 34-52 & col. 13, lines 64-67 thru col. 17, line 1.

Considering claims 6-8 & 21-23, Hwang teaches that the user may order currently available movies using a series of catalog pages; col. 1, lines 55-60; col. 17, lines 55-67 thru col. 18, lines 1-25.

Considering claims 9 & 24, the claimed feature of the menus reflecting a set of user preferences reads on the viewer's selection of catalog pages, for instance of categories when selecting movies; see col. 17, lines 55-60.

Considering claim 11, the recited subject matter is inherent in Hwang.

Considering claim 12, 15 & 25, the claimed host-computing device reads on the operation of the iTV server, col. 17, lines 15-61.

Considering claims 13 & 26, the claimed step reads on the viewer selecting a different viewing mode and being assigned a different Channel-processor in Hwang, see col. 17, lines 1-25.

Application/Control Number: 09/223,875

Art Unit: 2623

Considering claims 14 & 27, the claimed feature is broad enough to read on the customer tuning to a regular channel, before requesting a private viewing session.

Considering claim 16, the claimed apparatus for presenting an audiovisual signal to a user's audiovisual monitor, comprising a programming subsystem reads on the iTV stations in Hwang, col. 11, lines 4-24. The claimed Room Communication Subsystem, RCS reads on the operation of the iTV stations, (Fig. 3a; Fig. 5; Fig. 6a&b; col. 7, lines 22-45).

The claimed Site Management Subsystem, SMS also reads on the iTV station & iTV server; see Fig. 2.

As for the recitation of the programming subsystem including a plurality of serving devices communicating with the user's display monitor over the RCS; and the SMS assigning an ACD audiovisual serving device to a particular user to present a menu containing a selection of video programs to the particular user's display monitor over the RCS, the disclosure of Hwang teaches that a viewer may select a private viewing session to retrieve movies, such that the iTV server/stations assign particular Channel-processor to individual users during the private viewing sessions, (Abstract; col. 13, lines 18-54; col. 16, lines 1-10; col. 17).

As for the amended claimed feature, "such that the ACD is not available, for concurrent communication with others", as pointed above in the rejection of claim 1, Smith teaches the claimed subject matter, col. 6, lines 55-67 thru col. 8, lines 1-67.

Application/Control Number: 09/223,875

Art Unit: 2623

**Any response to this action should be mailed to:**

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**or faxed to:**  
(571) 273-8300, (for formal communications intended for entry)

**Or:** (571) 273-7290 (for informal or draft communications, please label  
"PROPOSED" or "DRAFT")

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Reuben M. Brown whose telephone number is (571) 272-7290. The examiner can normally be reached on M-F (9:00-6:00), First Friday off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Christopher Kelley can be reached on (571) 272-7331. The fax phone numbers for the organization where this application or proceeding is assigned is (571) 273-8300 for regular communications and After Final communications.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Reuben M. Brown

  
REUBEN M. BROWN  
PATENT EXAMINER